

## EAST Search History

| Ref # | Hits   | Search Query   | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|--------|--|--------------------|------------------|---------|---------------------|
| L1    | 4      | ("5175430"   "5955753"   "6091862"   "6542187").PN.                | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>10:31 |
| L2    | 1294   | (382/254).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/02/27<br>10:33 |
| L3    | 50     | l2 and (defect\$4 adj3 pixel)                                      | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>10:34 |
| L4    | 10     | l2 and color with (defect\$4 adj3 pixel)                           | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>10:34 |
| L5    | 1      | "6542187".pn.  | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>11:37 |
| L6    | 0      | "6542187".pn. and defect \$4                                       | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>11:37 |
| L7    | 1      | "6618084".pn. and defect \$4                                       | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>11:40 |
| L8    | 1      | "6618084".pn. and defect \$4 and color                             | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>11:40 |
| L9    | 1      | "7280142".pn.  | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>11:44 |
| L10   | 1      | "6900836".pn.  | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>11:46 |
| L34   | 7      | (manabu same hara).in.   | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>12:02 |
| L35   | 112672 | ("348").CLAS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/02/27<br>12:04 |
| L36   | 52495  | ("382").CLAS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/02/27<br>12:04 |
| L37   | 157627 | 35 or 36   | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>12:04 |
| L38   | 0      | 37 and (dective with non \$defective with pixel).clm.              | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>12:42 |
| L39   | 38     | 37 and (defective with non \$defective with pixel).clm.            | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>12:42 |
| L40   | 3      | 37 and (defect\$4 with non \$defect\$4 with pixel with color).clm. | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>12:46 |
| L41   | 7      | 37 and ((reference adj pixel) and color and defect \$4).clm.       | US-PGPUB;<br>USPAT | AND              | ON      | 2008/02/27<br>12:48 |
| S1    | 0      | ("10761612").PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/16<br>09:54 |
| S2    | 1      | ("20040161224").PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/12<br>13:43 |

|     |     |  |  |     |     |                     |
|-----|-----|--|--|-----|-----|---------------------|
| S3  | 1   | ("20040150731").PN.  | US-PGPUB;<br>USPAT                       | OR  | OFF | 2007/04/12<br>14:45 |
| S4  | 235 | (348/246).CCLS.  | US-PGPUB;<br>USPAT                       | OR  | OFF | 2007/04/12<br>14:48 |
| S5  | 6   | (manabu with hara).in.   | US-PGPUB;<br>USPAT                       | AND | ON  | 2007/04/13<br>08:42 |
| S6  | 301 | (348/243).CCLS.  | US-PGPUB;<br>USPAT                       | OR  | OFF | 2007/04/13<br>08:43 |
| S7  | 5   | S6 and (defective adj\$4<br>pixel)   | US-PGPUB;<br>USPAT                       | AND | ON  | 2007/04/13<br>08:49 |
| S8  | 495 | (348/272,272,280).CCLS.  | US-PGPUB;<br>USPAT                       | OR  | OFF | 2007/04/13<br>08:49 |
| S9  | 27  | S8 and defective   | US-PGPUB;<br>USPAT                       | AND | ON  | 2007/04/13<br>09:56 |
| S10 | 379 | (348/273).CCLS.  | US-PGPUB;<br>USPAT                       | OR  | OFF | 2007/04/13<br>09:57 |
| S11 | 26  | S10 and defective  | US-PGPUB;<br>USPAT                       | AND | ON  | 2007/04/13<br>09:57 |
| S12 | 22  | S11 not S9   | US-PGPUB;<br>USPAT                       | AND | ON  | 2007/04/13<br>10:05 |
| S13 | 2   | ("11262025").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | OFF | 2007/04/13<br>10:06 |
| S14 | 13  | ("20020163095"  <br>"3971065"   "4323925"  <br>"4506294"   "4870483"  <br>"5353056"   "5453840"  <br>"5475508"   "6069743"  <br>"6226084"   "6611289"  <br>"6766954"   "6833873").<br>PN.                    | US-PGPUB;<br>USPAT; USOCR                | AND | ON  | 2007/04/13<br>10:22 |
| S15 | 15  | ("3971065"   "4595946"  <br>"4736241"   "4962419"  <br>"5008739"   "5216493"  <br>"5373322"   "5382976"  <br>"5471515"   "5485202"  <br>"5530474"   "5568195"  <br>"5587596"   "5805217"  <br>"6295087").PN. | US-PGPUB;<br>USPAT; USOCR                | AND | ON  | 2007/04/13<br>10:51 |
| S16 | 110 | (348/247).CCLS.  | US-PGPUB;<br>USPAT                       | OR  | OFF | 2007/04/13<br>11:03 |
| S17 | 100 | S16 not S6   | US-PGPUB;<br>USPAT                       | AND | ON  | 2007/04/13<br>11:57 |
| S18 | 73  | (348/245).CCLS.  | US-PGPUB;<br>USPAT                       | OR  | OFF | 2007/04/13<br>11:57 |
| S19 | 52  | S18 not (S16 or S10 or S8<br>or S6)  | US-PGPUB;<br>USPAT                       | AND | ON  | 2007/04/13<br>12:35 |
| S20 | 195 | (348/251).CCLS.  | US-PGPUB;<br>USPAT                       | OR  | OFF | 2007/04/13<br>12:35 |

|     |      |  |                      |     |     |                     |
|-----|------|--|----------------------|-----|-----|---------------------|
| S21 | 163  | S20 not (S18 or S16 or S10 or S8 or S6)                      | US-PGPUB;<br>USPAT   | AND | ON  | 2007/04/13<br>12:53 |
| S22 | 152  | (defect\$4 with pixel\$2).ti.                                | US-PGPUB;<br>USPAT   | AND | ON  | 2007/04/13<br>12:53 |
| S23 | 124  | S22 not (S20 or S18 or S16 or S10 or S8 or S6)               | US-PGPUB;<br>USPAT   | AND | ON  | 2007/04/13<br>13:01 |
| S24 | 148  | S22 not S6   | US-PGPUB;<br>USPAT   | AND | ON  | 2007/04/13<br>13:14 |
| S25 | 4417 | (defect\$4 with pixel\$2)                                    | EPO; JPO;<br>DERWENT | AND | ON  | 2007/04/13<br>13:15 |
| S26 | 1587 | (defect\$4 same pixel\$2).ti.                                | EPO; JPO;<br>DERWENT | AND | ON  | 2007/04/13<br>13:16 |
| S27 | 77   | S26 and average  | EPO; JPO;<br>DERWENT | AND | ON  | 2007/04/13<br>13:29 |
| S28 | 0    | S26 and (asolute adj value \$2)                              | EPO; JPO;<br>DERWENT | AND | ON  | 2007/04/13<br>13:30 |
| S29 | 563  | (pixel with compensation).ti.                                | EPO; JPO;<br>DERWENT | AND | ON  | 2007/04/13<br>13:36 |
| S30 | 21   | S29 and (averag\$4 or "absolute value" or "absolute values") | EPO; JPO;<br>DERWENT | AND | ON  | 2007/04/13<br>13:36 |
| S31 | 22   | S26 and (map\$5 with pixel \$2)                              | EPO; JPO;<br>DERWENT | AND | ON  | 2007/04/13<br>13:33 |
| S32 | 1015 | (pixel with compensat\$4).ti.                                | EPO; JPO;<br>DERWENT | AND | ON  | 2007/04/13<br>13:36 |
| S33 | 452  | S32 not S29  | EPO; JPO;<br>DERWENT | AND | ON  | 2007/04/13<br>13:36 |
| S34 | 21   | S33 and (averag\$4 or "absolute value" or "absolute values") | EPO; JPO;<br>DERWENT | AND | ON  | 2007/04/13<br>13:53 |
| S35 | 45   | (defect\$4 with pixel\$2).ti.                                | EPO                  | AND | ON  | 2007/04/13<br>14:29 |
| S36 | 1    | ("7102673").PN.  | US-PGPUB;<br>USPAT   | OR  | OFF | 2007/04/13<br>14:16 |
| S37 | 250  | (defect\$4 with pixel\$2).ti.                                | EPO; JPO             | AND | ON  | 2007/04/13<br>14:30 |
| S38 | 162  | S37 and @ay< "2003"  | EPO; JPO             | AND | ON  | 2007/04/13<br>14:31 |
| S39 | 131  | S37 and @py< "2003"  | EPO; JPO             | AND | ON  | 2007/04/13<br>14:31 |
| S40 | 1    | ("20040207733").PN.  | US-PGPUB;<br>USPAT   | OR  | OFF | 2007/04/16<br>09:54 |
| S41 | 7    | (doug\$4 same godbold).xa.                                   | US-PGPUB;<br>USPAT   | AND | ON  | 2008/02/07<br>16:28 |
| S42 | 436  | (348/262-265).CCLS.  | US-PGPUB;<br>USPAT   | OR  | OFF | 2008/02/07<br>16:32 |
| S43 | 65   | S42 and table  | US-PGPUB;<br>USPAT   | AND | ON  | 2008/02/07<br>16:32 |

|     |      |  |                           |     |     |                     |
|-----|------|--|---------------------------|-----|-----|---------------------|
| S44 | 20   | S42 and (table with color)                                 | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/07<br>16:33 |
| S45 | 436  | (348/262-265).CCLS.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2008/02/08<br>10:16 |
| S46 | 20   | S45 and (table with color)                                 | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/08<br>10:16 |
| S47 | 347  | S45 and @ad< "20030123"                                    | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/08<br>10:17 |
| S48 | 2    | ("2003/0038885").URPN.                                     | USPAT                     | AND | ON  | 2008/02/08<br>10:21 |
| S49 | 1    | "5659356".pn.  | USPAT                     | AND | ON  | 2008/02/08<br>10:49 |
| S50 | 1    | S49 and "4"  | USPAT                     | AND | ON  | 2008/02/08<br>10:49 |
| S51 | 4    | ("5323235"   "5416598"  <br>"5444492"   "5521637").<br>PN. | US-PGPUB;<br>USPAT; USOCR | AND | ON  | 2008/02/08<br>10:50 |
| S52 | 1    | S51 and defect   | US-PGPUB;<br>USPAT; USOCR | AND | ON  | 2008/02/08<br>10:50 |
| S53 | 4    | ("5659356").URPN.  | USPAT                     | AND | ON  | 2008/02/08<br>10:51 |
| S54 | 37   | S45 and defect   | USPAT                     | AND | ON  | 2008/02/08<br>11:33 |
| S55 | 48   | S45 and defect\$4  | USPAT                     | AND | ON  | 2008/02/08<br>11:33 |
| S56 | 0    | 382/167,275,300  | USPAT                     | AND | ON  | 2008/02/08<br>12:49 |
| S57 | 3635 | (382/167,275,300).CCLS.                                    | US-PGPUB;<br>USPAT        | OR  | OFF | 2008/02/08<br>12:49 |
| S58 | 487  | S57 and defect\$4  | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/08<br>12:50 |
| S59 | 162  | S57 and (defect\$4 adj<br>pixel)                           | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/08<br>12:50 |
| S60 | 110  | S59 and @ad< "20030123"                                    | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/08<br>12:50 |
| S61 | 1    | "20040227978".pn. and<br>defect\$4                         | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/08<br>12:51 |
| S62 | 0    | "200600736".pn.  | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/09<br>14:17 |
| S63 | 0    | "2006000736".pn.   | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/09<br>14:17 |
| S64 | 0    | "20061000736".pn.  | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/09<br>14:17 |
| S65 | 1    | "20060007336".pn.  | US-PGPUB;<br>USPAT        | AND | ON  | 2008/02/09<br>14:18 |
| S66 | 182  | (348/300).CCLS.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2008/02/27<br>08:39 |

|     |      |                                   |                    |     |     |                     |
|-----|------|-----------------------------------|--------------------|-----|-----|---------------------|
| S67 | 1    | S66 and (defect\$4 adj pixel)     | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>08:39 |
| S68 | 139  | S66 and @ad<"20040121"            | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>08:40 |
| S69 | 20   | (richard same bemben).xa.         | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>08:40 |
| S70 | 676  | (382/300).CCLS.                   | US-PGPUB;<br>USPAT | OR  | OFF | 2008/02/27<br>08:45 |
| S71 | 13   | S70 and (defect\$4 adj pixel)     | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>08:45 |
| S72 | 145  | (nhan same tran).xa.              | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>08:51 |
| S73 | 0    | (pritham same prabhakar).xa.      | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>08:52 |
| S74 | 0    | (pritham same prabhakar).xa.      | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>08:52 |
| S75 | 0    | (pritham same prabhakar).xa.      | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>08:52 |
| S76 | 24   | (pritham same prabhakar).xa.      | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>08:52 |
| S77 | 114  | (250/559.07).CCLS.                | US-PGPUB;<br>USPAT | OR  | OFF | 2008/02/27<br>09:13 |
| S78 | 36   | S77 and defect                    | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>09:13 |
| S79 | 7    | S77 and defect\$4 with pixel      | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>09:14 |
| S80 | 4130 | defect\$4 adj3 pixel              | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>09:19 |
| S81 | 492  | S80 with color                    | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>09:19 |
| S82 | 128  | S80 with color with value         | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>09:19 |
| S83 | 74   | S82 and @ad<"20040121"            | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>09:20 |
| S84 | 1    | "20060115177".pn. and (defect\$4) | US-PGPUB;<br>USPAT | AND | ON  | 2008/02/27<br>09:24 |

2/ 27/ 2008 12:54:28 PM

C:\Documents and Settings\acutler\My Documents\EAST\Workspaces\10761683.wsp